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LIST OF INFORMATION CITED BY APPLICANT (See several sheets if necessary)	Applicant: Stefan Schorling	
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U.S. PATENT DOCUMENTS							
	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE	
1	4,458,066	07/03/84	Caruthers, et al.	536	27	03/24/81	
2	4,996,143	02/26/91	Heller, et al.	435	6	04/13/90	
3	5,130,238	07/14/92	Malek, et al.	435	91	08/23/89	
4	5,210,015	05/11/93	Gelfand, et al.	435	6	08/06/90	
5	5,386,024	01/31/95	Kacian, et al.	536	25.4	02/10/93	
6	5,478,972	12/26/95	Mizutani, et al.	174	250	08/25/94	
7	5,487,972	01/30/96	Gelfand, et al.	435	6	01/05/93	
8	5,565,322	10/15/96	Heller, M	435	6	11/6/92	
9	5,585,254	12/17/96	Maxwell, et al.	435	172.3	04/02/93	
10	5,804,375	09/08/98	Gelfand, et al.	435	6	04/25/95	
11	5,849,489	12/15/98	Heller, M	435	6	08/23/96	
12	6,103,476	08/15/00	Tyagi, et al.	435	6	03/15/99	
13	6,162,603	12/19/00	Heller, M	435	6	07/28/98	
14	6,174,670 B1	01/16/01	Wittwer, et al.	435	6	06/04/97	
15	6,183,999 B1	02/06/01	Weimer, et al.	435	91.2	11/24/98	
16	6,268,349 B1	07/31/01	Hirschman, S	514	44	04/15/97	
17	6,274,307 B1	08/14/01	Soutschek, et al.	435	5	05/15/97	
18	6,395,472 B1	05/28/02	Leary, et al.	435	5	02/05/99	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
19	PCT/EP2005/001243 Search Report	05/31/05	PCT				
20	37-24442 A1	02/02/89	DE				
21	37-34442 A1	04/27/89	DE				
22	0 238 893 B1	03/02/87	EP				
23	0 439 182 B1	01/25/91	EP				
24	04-88985	03/23/92	JP				X
25	11-221699	08/17/99	JP				X
26	WO 90/01069	02/08/90	PCT				

27	WO 91/04330	04/04/91	PCT				
28	WO 91/12079	08/22/91	PCT				
29	WO 92/02208	05/29/92	PCT				
30	WO 96/09391	03/28/96	PCT				
31	WO 96/41811	12/27/96	PCT				
32	WO 98/04730	02/05/98	PCT				
33	WO 99/16781	04/08/99	PCT				
34	WO 99/28439	06/10/99	PCT				
35	WO 00/24917	05/04/00	PCT				
36	WO 01/06019 A2	01/25/01	PCT				
37	WO 01/14593 A2	03/01/01	PCT				
38	WO 01/37291 A1	05/25/01	PCT				
39	WO 02/00924 A2	01/03/02	PCT				
40	WO 03/002753 A2	01/09/03	PCT				
41	WO 2005/075686 A1	08/18/05	PCT				
42	2 146 372 C1 (abstract only)	10/03/00	RU				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

43	Abramson, R., et al., 1993, "Nucleic acid amplification technologies", <i>Analytical Biotechnology</i> , 4:41-47
44	Alderton, R., et al., 1992, "Magnetic Bead Purification of M13 DNA Sequencing Templates", <i>Analytical Biotechnology</i> , 201:166-169
45	Anderson, M., et al., "Letters to the Editor: Human Parvovirus, The Cause of Erythema Infectiosum (Fifth Disease)?", <i>The Lancet</i> , June 18, 1983, p. 1378
46	Astell, C., et al., 1987, "Structural and Functional Homology of Parvovirus and Papovavirus Polypeptides", <i>J. gen. Virol.</i> , 68: 885-893
47	Aubin, J., et al., 2000, "Large-Scale Screening for Human Parvovirus B19 DNA by PCR: Application to the Quality Control of Plasma for Fractionation", <i>Vox Sang.</i> 78:7-12
48	Ausubel, F., et al., 2000, "Current Protocols in Molecular Biology", Supplement 55, 1:1-11
49	Barany, F., 1991, "The Ligase Chain Reaction in a PCR World", <i>PCR Methods and Applications</i> , 1:5-16
50	Barany, F., 1991, "Genetic disease detection and DNA amplification using cloned thermostable ligase", <i>Proc. Natl. Acad. Sci.</i> 88:189-193
51	Beaucage, S., et al., 1981, "Deoxynucleoside Phosphoramidites - A New Class of Key Intermediates for Deoxypolynucleotide Synthesis", <i>Tetrahedron Letters</i> , 22(20):1859-1862
52	Boom, R., et al., 1990, "Rapid and Simple Method for Purification of Nucleic Acids", <i>Journal of Clinical Microbiology</i> , 28(3):495-503

1	53	Brown, E., et al., 1979, "Chemical Synthesis and Cloning of a Tyrosine tRNA Gene" <i>Methods in Enzymology</i> , 68(8):109-151
2	54	Brown, K., 2000, "Haematological Consequences of Parvovirus B19 Infection", <i>Bailliere's Clinical Haematology</i> , 13(2):245-259
3	55	Carriere, C., et al., 1993, "Rapid and sensitive method for the detection of B19 virus DNA using the polymerase chain reaction with nested primers", <i>Journal of Virological Methods</i> , 44:221-234
4	56	Cohen, B., 1995, "Parvovirus B19: an expanding spectrum of disease", <i>BMJ</i> , 311:1549-1552
5	57	Cotmore, S., et al., 1986, "Identification of the major Structural and nonstructural Proteins Encoded by Human Parvovirus B19 and mapping of Their genes by Procaryotic Expression of Isolated Genomic Fragments", <i>Journal of Virology</i> , 60(2):548-557
6	58	Cubie, H., et al., 1995, "Dot-blot hybridization assay for detection of parvovirus B19 infections using synthetic oligonucleotides", <i>Molecular and Cellular Probes</i> , 9:59-66
7	59	Dorsch, S., et al., 2001, "The VP1-unique region of parvovirus B19: amino acid variability and antigenic stability", <i>Journal of General Virology</i> , 82:191-199
8	60	Düx, S., et al., 2002, "Parvovirus B19 Myocarditis in a young man with Previous non-bacterial meningitis", <i>Dtsch Med Wochenschr</i> , 127:1584-1588
9	61	Enders, G., et al., 1998, "Life-Threatening Parvovirus B19-Associated Myocarditis and Cardiac Transplantation as Possible Therapy: Two Case Reports", <i>Clinical Infectious Diseases</i> , 26:355-358
10	62	Enders, G., "Viral Infections of the Fetus Neonate, other than Rubella", Topley & Wilson's Microbiology and Microbial Infections, 9th Ed., by Collier, L., et al., Arnold Publishers 1998, pp 873-915
11	63	Erdman, D., et al., 1996, "Genetic diversity of human parvovirus B19: sequence analysis of the VP1/VP2 gene from multiple isolates", <i>Journal of General Virology</i> , 77:2767-2774
12	64	Garegg, P., et al., 1985, "Formation of Internucleotidic Bonds via Phosphonate Intermediates", <i>Chemica Scripta</i> , 25:280-282
13	65	Gruber, F., et al., 2001, "Quantitation of Viral DNA by Real-Time PCR Applying Duplex Amplification, Internal Standardization, and Two-Color Fluorescence Detection", <i>Applied and Environmental Microbiology</i> , 67(6):2837-2839
14	66	Guatelli, J., et al., 1990, "Isothermal, <i>in vitro</i> amplification of nucleic acids by a multienzyme reaction modeled after retroviral replication", <i>Proc. Natl. Acad. Sci. USA</i> , 87:1874-1878
15	67	Harder, T., et al., 2001, "New LightCycler PCR for Rapid and Sensitive Quantification of Parvovirus B19 DNA Guides Therapeutic Decision-Making in Relapsing Infections", <i>Journal of Clinical Microbiology</i> , 39(12): 4413-4419
16	68	Hemauer, A., 1996, "Sequence variability among different parvovirus B19 isolates", <i>Journal of General Virology</i> 77:1781-1785
17	69	Hicks, K., 1996, "Sequence analysis of a parvovirus B19 isolate and baculovirus expression of the non-structural protein", <i>Archives Virology</i> , 141:1319-1327
18	70	Holloway, B., 1993, "An exonuclease-amplification coupled capture technique improves detection of PCR product", <i>Nucleic Acids Research</i> , 21(16):3905-3906
19	71	Jakobi, R., 1988, "Filter-Supported Preparation of λ Phage DNA", <i>Analytical Biochemistry</i> 175:196-201
20	72	Jordan, J., 1996, "Exonuclease-released Fluorescence Detection of Human Parvovirus B19

		DNA, <i>Molecular Diagnosis</i> , 1(4):321-328
73	MEB	Junkind, D., 2001, "Automation of laboratory testing for infectious diseases using the polymerase chain reaction - our past, our present, our future", <i>Journal of Clinical Virology</i> , 20:1-6
74		Kwoh, D., 1989, "Transcription-based amplification system and detection of amplified human immunodeficiency virus type 1 with a bead-based sandwich hybridization format", <i>Proc. Natl. Acad. Sci. USA</i> , 86:1173-1177
75		Marko, M., 1982, "A Procedure for the Large-Scale Isolation of Highly Purified Plasmid DNA Using Alkaline Extraction and Binding to Glass Powder", <i>Analytical Biochemistry</i> , 121:382-387
76		Müller, J., et al., 2002, "Development and Validation of a Real-Time PCR Assay for Routine testing of Blood Donations for Parvovirus B19 DNA", <i>Infus Ther Transfus Med</i> , 29:254-258
77		Narang, S., et al., 1979, "Improved Phosphotriester Method for the Synthesis of Gene Fragments", <i>Methods in Enzymology</i> , 68(6):90-98
78		Nguyen, Q., et al., 2002, "Identification and Characterization of a Second Novel Human Erythrovirus Variant, A6", <i>Virology</i> , 301:374-380
79		Ozawa, K., et al., 1988, "Functional Mapping of the Genome of the B19 (Human) Parvovirus by In Vitro Translation after Negative Hybrid Selection", <i>Journal of Virology</i> , 62(7):2508-2511
80		Pattison, J., et al., 1981, "Parvovirus Infections and Hypoplastic Crisis in Sickle-Cell Anaemia", <i>The Lancet</i> , March 21, 1998, pp 664-665
81		Sambrook, J., et al., 1989, "Molecular Cloning A Laboratory Manual", CSH, 2nd Edition. Cold Spring Harbor Laboratory Press.
82		Sato, K., et al., 2000, "Development of a Hypersensitive Detection Method for Human Parvovirus B19 DNA", <i>Journal of Clinical Microbiology</i> , 38(3):1241-1243
83		Schmidt, J., et al., 2001, "Parvovirus B19 DNA in plasma pools and plasma derivatives", <i>Vox Sanguinis</i> , 81:228-235
84		Schorling, S., et al., 2004, "Quantification of Parvovirus B19 DNA using COBAS AmpliPrep Automated Sample Preparation and LightCycler real-Time PCR", <i>Journal of Molecular Diagnostics</i> , 6(1):37-41
85		Servant, A., et al., 2002, "Genetic Diversity within Human Erythroviruses: Identification of Three Genotypes", <i>Journal of Virology</i> , 76(18):9124-9134
86		Shade, R., et al., 1986, "Nucleotide Sequence and Genome Organization of Human Parvovirus B19 Isolated from the Serum of a Child during Aplastic Crisis", <i>Journal of Virology</i> , 58(3):921-936
87		Stelzl, E., et al., 2002, "Evaluation of an Automated Sample Preparation Protocol for Quantitative Detection of Hepatitis C Virus RNA", <i>Journal of Clinical Microbiology</i> , 40(4):1447-1450
88		Takahashi, N., et al., 1999, "Genetic heterogeneity of the immunogenic viral capsid protein region of human parvovirus B19 isolates obtained from an outbreak in a pediatric ward", <i>FEBS Letters</i> , 450:289-293
89		Turton, J., et al., 1990, "Similarities in nucleotide sequence between serum and faecal human parvovirus DNA", <i>Epidemiol. Infect.</i> , 105:197-201
90		Uhlmann, E., et al., 1990, "Antisense Oligonucleotides: A New Therapeutic Principle", <i>Chemical Reviews</i> , 90(4):544-584
91		Umeru, K., et al., 1995, "A new genome type of human parvovirus B19 present in sera of patients with encephalopathy", <i>Journal of General Virology</i> , 76:2645-2651

M612	92	Vassias, I., et al., 1993, "An in situ hybridization technique for the study of B19 human parvovirus replication in bone marrow cell cultures", <i>Journal of Virological Methods</i> , 44:329-338
	93	Verma, S., et al., 1998, "Modified Oligonucleotides: Synthesis and Strategy for Users", <i>Annu. Rev. Biochem</i> , 67:99-134
	94	Vogelstein, B., et al., 1979, "Preparative and analytical purification of DNA from agarose", <i>Proc. Natl. Acad. Sci. USA</i> , 76(2):615-619
	95	Walsh, C., "Acyl Transfers to Water: Endopeptidases and Exopeptidases", <i>Enzymatic Reaction Mechanisms</i> , W.H. Freeman and Company San Francisco, Ch. 3 53-107
	96	Whelen, A., et al., 1996, "The Role of Nucleic Acid Amplification and Detection in the Clinical Microbiology Laboratory", <i>Annu. Rev. Microbiol.</i> , 50:349-373
	97	Wu, D., et al., 1989, "The Ligation Amplification Reaction (LAR) - Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation", <i>Genomics</i> , 4:560-569
↓	98	Yoto, Y., et al., 1996, "Human parvovirus B19 infection associated with acute hepatitis", <i>The Lancet</i> , 347:868-870
EXAMINER	DATE CONSIDERED	
*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		